

**2000 TRAFFIC STATEMENT: ST. MARYS FALLS CANAL, MICHIGAN  
U.S. ARMY CORPS OF ENGINEERS, DETROIT DISTRICT**

The 2000 commercial navigation season through the United States locks began on March 25 and ended 297 days later on January 15, 2001. On March 16, 2000, the U.S. Coast Guard Cutter MACKINAW passed upbound through the Poe Lock. The first commercial vessel for the season was the PAUL R. TREGURTHA on March 25, downbound for St. Clair, Michigan. The Poe Lock remained in service until midnight on January 15, 2001. The last commercial vessel of the season, the PHILIP R. CLARKE, passed through the Poe Lock on January 12, upbound for Superior, Wisconsin.

Delays are defined as the elapsed time a vessel spends waiting to proceed with a lockage. Five vessels reported being delayed by ice for a total of 1 hour 42 minutes. Interference by other vessels contributed 54 minutes and lock hardware malfunctions accounted for 2 hours 10 minutes. Lock maintenance and testing totaled 1 day 8 hours 30 minutes. All other delays amounted to 17 hours 34 minutes. The St. Marys River was reported as being closed by the U.S. Coast Guard for a total of 2 days 16 hours due to visibility and 1 hour 46 minutes for all other reasons.

The largest cargo recorded for a single passage in the 2000 season was 65,903 net tons of iron ore, carried by the BURNS HARBOR on July 7. The greatest total seasonal cargo transported by an individual vessel was 3,004,597 tons carried by the PAUL R. TREGURTHA.

Cargo flow was greatest during the month of July with 9,859,588 net tons passing through the locks. A total of 4,845 cargo carriers passed through the locks during the 2000 season, an increase of 250 from the 1999 season. An annual total of 84,930,066 net tons of freight was recorded. This was 1,538,009 tons above the 1999 total. Total vessel passages decreased from 9,308 in 1999 to 8,975 in 2000. Freight increased by 1.84 percent and total passages decreased by 3.58 percent.

Comparing the movement of cargo in and out of Lake Superior, 13 commodities experienced increases from 1999 volumes ranging from 0.70 percent (Coal) to 313.60 percent (Manufactured Iron and Steel). Seven commodities decreased in volume ranging from 3.42 percent (Stone) to 100.00 percent (Sunflower Seed). The greatest single gain in cargo tonnage was 1,519,518 net tons of Iron Ore, while the most significant decrease was 1,115,226 net tons of Corn.

## **2000 ANNUAL REPORT of Lake Carriers' Association**

The periods of operation and total passages of all craft for each of the three operational locks during the 2000 season are as follows:

<b>Lock</b>	<b>Traffic</b>		<b>Days In Operation</b>	<b>Total Passages</b>
	<b>Opening Day</b>	<b>Closing Day</b>		
MacArthur	April 10	December 13	248	4,607
Poe	March 25	January 14	297	4,267
Davis	December 13	December 23	11	101

The following tabulation shows the number of cargo vessel passages recorded for the past ten navigation seasons through the American canal:

<b>Year</b>	<b>No. of Passages</b>	<b>Year</b>	<b>No. of Passages</b>
1991	4,999	1996	4,439
1992	4,565	1997	4,836
1993	4,320	1998	4,648
1994	4,485	1999	4,595
1995	4,446	2000	4,845

The following is a comparative monthly statement of freight tonnage moved through the St. Marys Falls Canal during the past two navigation seasons:

<b>Month</b>	<b>2000 (Net Tons)</b>	<b>1999 (Net Tons)</b>	<b>Increase/Decrease</b>
March	1,588,022	1,345,685	242,337
April	8,601,595	7,871,932	729,663
May	9,475,938	9,347,313	128,625
June	8,914,315	8,979,845	-65,530
July	9,859,588	9,605,849	253,739
August	9,832,508	8,778,494	1,054,014
September	9,166,844	8,729,147	437,697
October	9,532,396	9,197,996	334,400
November	8,875,203	8,914,501	-39,298
December	7,961,050	8,425,924	-464,874
January 2001/2000	1,122,607	2,195,371	-1,072,764
<b>Totals</b>	<b>84,930,066</b>	<b>83,392,057</b>	<b>1,538,009</b>

**2000 ANNUAL REPORT of Lake Carriers' Association**

**STATISTICAL REPORT OF LAKE COMMERCE PASSING THROUGH THE CANAL  
AT SAULT STE. MARIE, MICHIGAN, FOR THE SEASON OF 2000**

Commodity		Direction		Total Net Tons	Previous 3 Seasons Average
		Westbound	Eastbound		
<b>Wood Products</b>		22,338	180,695	203,033	143,175
<b>Vegetable Products</b>					
Wheat		0	7,835,946	7,835,946	9,749,383
Barley		0	123,747	123,747	465,605
Oats		0	290,847	290,847	143,360
Corn		0	578,783	578,783	1,042,009
Rye		0	0	0	0
Flaxseed		0	568,849	568,849	569,077
Soybeans		5,369	2,286,599	2,291,968	1,191,317
Sunflower seed		0	0	0	142,834
Mill products, screenings		3,044	822,975	826,019	796,014
<b>Mineral Products</b>					
Iron ore		0	46,548,964	46,548,964	49,782,397
Mfd. iron and steel		231,695	99,314	331,009	213,178
Scrap iron		1,664	52,919	54,583	187,764
Stone*		4,432,936	402,873	4,835,809	5,003,808
Cement		488,087	0	488,087	615,193
Coal		2,934,606	14,863,661	17,798,267	16,662,308
Potash		0	676,321	676,321	769,159
Salt		386,996	0	386,996	519,320
<b>Petroleum Products</b>					
Gasoline		68,603	1,898	70,501	51,973
Fuel oil		132,152	5,420	137,572	121,489
Miscellaneous merchandise		146,999	735,766	882,765	1,260,679
<b>Freight</b>	<b>Net Tons</b>	<b>8,854,489</b>	<b>76,075,577</b>	<b>84,930,066</b>	<b>89,430,042</b>
<b>Vessel Passages **</b>	<b>Number</b>	<b>5,099</b>	<b>3,876</b>	<b>8,975</b>	<b>10,617</b>
<b>Lockages</b>	<b>Number</b>	<b>4,199</b>	<b>3,253</b>	<b>7,452</b>	<b>8,136</b>
<b>Passengers</b>	<b>Number</b>	<b>88,696</b>	<b>20,970</b>	<b>109,666</b>	<b>191,623</b>

\* Includes broken stone, gravel, and sand.

\*\* Includes 10 Government vessels prior to March 25, 2000.

**Representing Operators of U.S.-Flag Vessels on the Great Lakes**

**2000 ANNUAL REPORT of Lake Carriers' Association**

**COMPARATIVE STATISTICAL STATEMENT OF LAKE COMMERCE  
PASSING THROUGH THE CANAL AT SAULT STE. MARIE, MICHIGAN  
FOR THE SEASONS 2000 AND 1999**

ITEMS		TOTAL TRAFFIC		Amount of Increase/ Decrease	Amount of Increase/ Decrease
		SEASON 2000	SEASON 1999		
Vessel passages	Number	8,975	9,308	-333	-3.58%
Cargo carriers	Number	4,845	4,595	250	5.44%
Non-cargo carriers	Number	4,130	4,713	-583	-12.37%
Lockages	Number	7,452	7,630	-178	-2.33%
Passengers	Number	109,666	143,316	-33,650	-23.48%
Freight	Net Tons	84,930,066	83,392,057	1,538,009	1.84%
<b>Wood Products</b>		203,033	161,397	41,636	25.80%
<b>Vegetable Products</b>					
Wheat		7,835,946	7,734,084	101,862	1.32%
Barley		123,747	150,903	-27,156	-18.00%
Oats		290,847	176,467	114,380	64.82%
Corn		578,783	1,694,009	-1,115,226	-65.83%
Rye		0	0	0	N/A
Flaxseed		568,849	312,298	256,551	82.15%
Soybeans		2,291,968	2,170,049	121,919	5.62%
Sunflower seeds		0	103,594	-103,594	-100.00%
Mill products, screenings		826,019	679,343	146,676	21.59%
<b>Mineral Products</b>					
Iron ore		46,548,964	45,029,446	1,519,518	3.37%
Mfd. iron and steel		331,009	80,031	250,978	313.60%
Scrap iron		54,583	144,577	-89,994	-62.25%
Stone*		4,835,809	5,007,197	-171,388	-3.42%
Cement		488,087	578,740	-90,653	-15.66%
Coal, Bituminous, Etc.		17,798,267	17,674,712	123,555	0.70%
Potash		676,321	579,010	97,311	-16.81%
Salt		386,996	380,667	6,329	1.66%
<b>Petroleum Products</b>					
Gasoline		70,501	40,066	30,435	76.96%
Fuel oil		137,572	61,052	76,520	125.34%
Miscellaneous merchandise		882,765	634,415	248,350	39.15%
<b>Totals</b>		<b>84,930,066</b>	<b>83,392,057</b>	<b>1,538,009</b>	<b>1.84%</b>

\*Includes broken stone, gravel, and sand.

The U.S. Canal opened March 25, 2000, and closed January 15, 2001, a season of 297 days.

**2000 ANNUAL REPORT of Lake Carriers' Association**

**STATISTICAL REPORT OF FREIGHT TONNAGE TRANSITS BY LOCK  
AT SAULT STE. MARIE, MICHIGAN, FOR THE 2000 SEASON**

Month	MacArthur	Poe	Davis	Westbound	Eastbound	Total
March	0	1,588,022	0	138,758	1,449,264	1,588,022
April	1,351,694	7,249,901	0	719,035	7,882,560	8,601,595
May	1,898,116	7,577,822	0	1,053,079	8,422,859	9,475,938
June	1,835,193	7,079,122	0	1,026,045	7,888,270	8,914,315
July	2,010,782	7,848,806	0	1,052,478	8,807,110	9,859,588
August	2,290,416	7,542,092	0	1,094,602	8,737,906	9,832,508
September	1,937,275	7,229,569	0	1,041,315	8,125,529	9,166,844
October	2,546,676	6,985,720	0	1,182,468	8,349,928	9,532,396
November	2,201,165	6,674,038	0	960,132	7,915,071	8,875,203
December	1,102,955	6,852,036	6059	553,201	7,407,849	7,961,050
January '01	0	1,122,607	0	33,376	1,089,231	1,122,607
<b>Totals</b>	<b>17,174,272</b>	<b>67,749,735</b>	<b>6,059</b>	<b>8,854,489</b>	<b>76,075,577</b>	<b>84,930,066</b>

Vessel Flag	Poe Lock	MacArthur Lock	Davis Lock	Total Net Tons	Poe Lock	MacArthur Lock	Davis Lock	Total Passages
American	56,919,137	4,594,627	0	61,513,764	2,886	1,959	36	4,881
Canadian	7,108,220	9,403,804	6,059	16,518,083	794	1484	14	2,292
Foreign	3,722,378	3,175,841	0	6,898,219	298	445	2	745
Gov't.	0	0	0	0	254	630	47	931
All Other	0	0	0	0	35	89	2	126
<b>Totals</b>	<b>67,749,735</b>	<b>17,174,272</b>	<b>6,059</b>	<b>84,930,066</b>	<b>4,267</b>	<b>4,607</b>	<b>101</b>	<b>8,975</b>

Note: This report is subject to revision.

Source: U.S. Army Corps of Engineers, Detroit District.

**Representing Operators of U.S.-Flag Vessels on the Great Lakes**